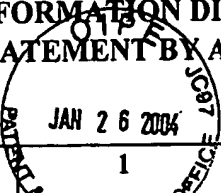
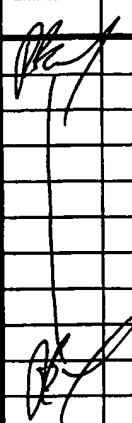
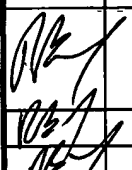
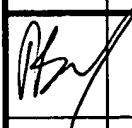


Form PTO-1449			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 			Application Number	10/618,950
			Filing Date	07/14/2003
			First Named Inventor	MUROTAKI, David K.
			Group Art Unit	2131
			Examiner Name	
Sheet 1	of 2	Attorney Docket Number	SCA21-US	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code	Kind			
		2001/0053970	A1	Ford et al	12-20-2001	
		2002/0082044	A1	Davenport	06-27-2002	
		2003/0050055	A1	Ting et al	03-13-2003	
		5,530,814		Wong et al	06-25-1996	
		6,052,600		Fette et al	04-18-2000	
		6,091,715		Vucetic et al	07-18-2000	
		6,181,734	B1	Palermo	01-30-2001	
		6,366,622	B1	Brown et al	04-02-2002	
		6,504,867	B1	Efstathiou	01-07-2003	
		6,526,110	B1	Bao et al	02-25-2003	

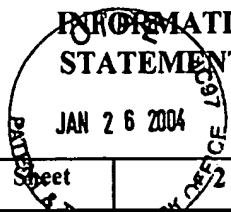
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office Code	Number				
			WO 01/90891	A1	Roke Manor Research Limited	11-29-2001	
			WO 02/05444	A1	Sony Corp.	01-17-2002	
			WO 03/028228	A2	Koninklijke	04-03-2003	

OTHER PRIOR REFERENCES - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	(Including Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc...), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T
		MUROTAKI et al, Real-Time Implementation of a Reconfigurable IMT-2000 Base Station Channel Modem, Software and DSP in Radio, IEEE Communications Magazine, February 2000, pages 148-152	

* In accordance with 37 CFR 1.98(d) a copy of this reference is not provided as it was previously submitted to, or cited by, the Office in prior Application No. _____ filed _____, which is being relied on for an earlier effective filing date under 35 U.S.C. § 120.


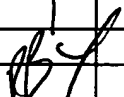
Examiner Signature		Date Considered	01/05/07
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OTHER PRIOR REFERENCES - NON PATENT LITERATURE DOCUMENTS			
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		BLUST, Stephen and MUROTAKÉ, David, Software-Defined Radio Moves into Base-Station Designs, Wireless Systems Design, November, 1999, pages 31-40	
		BERNIER, Steve and LATOUR, Capt Hugues, Software Communications Architecture Reference Implementation (SCARI) Project, Software Defined Radio Forum, January 29, 2002, pages 1-43	
		XILINX, Virtex-II Pro Platform FPGAs: Introduction and Overview, DSO83-1 (v2.0) June 13, 2002, pages 1-7	
		FEWER, Colm, Cross Bar Switch Implemented in FPGAs, Xilinx WP166 (v1.0), September 9, 2002, pages 1-18	
		SHAH, Alok, An Introduction to Software Radio, Vanu, Inc., 2002, pages 1-5	
		SCHOEBERL, Martin, Using JOP at an Early Design Stage in a Real World Application, JOP Design, pages 1-14	
		KOHNO et al, Universal Platform for Software Defined Radio, pages 1-4	
		MUROTAKÉ, David, SDR Base Station Models – Multiprocessing, SDR Forum Document Number SDRF-00-T-0062-V0.0, November 16, 2000, pages 1-16	
		MUROTAKÉ, David, JTRS SCA Platform Hardware Scalability, SDR Forum Document Number SDRF-01, November 13, 2001, pages 1-16	
		SDR FORUM, SDR Primer, pages 1-6	
		XILINX, Software Defined Radio & 4G Development, pages 1-67	

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Sheet 1

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U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US- 2002/0183013 A1	12-05-2002	Auckland et al.	
		US- 2001/0032318 A1	10-18-2001	Yip et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

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Filing Date 07/14/2003

First Named Inventor Murotake, David K.

Art Unit 2131

Examiner Name

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AB		PCT International Search Report dated June 29, 2004 of International Application No. PCT/US03/22089 filed July 14, 2003.	

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